

Work Order ID 91320

October-04-12 1:11:44 PM

91320

Page 1

Item ID: D3482-5

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Insulation Hose, 20"

Start Date: 04/10/2012 Start Qty: 4.00

8
4
4

Cust Item ID:

Required Date: 19/10/2012 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: *MLS* Date: *12-10-04* Tooling:

Run Start ***NR1***

QC: Date: SPC (Y/N): Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr Revision Nbr

D3482 Rev B

100 PURCHASING 0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 18080 Fabricate as per Dwg D3482 Possible
Supplier: Tempco Tec Inc Material release note is required

CL 12/10/05 8

110 Receive & Inspect for Damage & Mat'l Certs 0.00

110

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

12/11/23 (8)

120 QC6-Inspect dimensions to drawing 0.00

120

QC

Memo

0.00

Quality Control

DAS 16 12/10/23

(15)

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY									
Landing Gear			General			Grain		Other	
<input type="checkbox"/> Bending	<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> Cracks	<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Cuffs	<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Turning Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Bend	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Burrs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Countersink	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Drawing
	<input type="checkbox"/> Finish	<input type="checkbox"/> Folio	<input type="checkbox"/> Grain	<input type="checkbox"/> Hardware	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Misread
	<input type="checkbox"/> Offset	<input type="checkbox"/> Out of Calibration	<input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Part Moved
	<input type="checkbox"/> Positioned Wrong	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced	<input type="checkbox"/> Temperature/Cure	<input type="checkbox"/> Weld	<input type="checkbox"/> Wrong Stock Pulled	<input type="checkbox"/> Other		

Work Order ID 91320

October-04-12 1:11:44 PM

91320

Page 2

Item ID: D3482-5

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Insulation Hose, 20"

Start Date: 04/10/2012 Start Qty: 4.00

4

Cust Item ID:

Required Date: 19/10/2012 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: *ST*

0.00

130

Packaging

Memo

0.00

Packaging

12/10/24 *(S)*

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

12/10/25 *(S)**12-10-24*

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>						
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Picklist Print

October-04-12 1:11:47 PM

Work Order ID: 91320

Parent Item: D3482-5

Parent Item Name: Insulation Hose, 20"

91320

D3482-5

Page 1

Start Date: 04/10/2012

Start Qty: 4.00

Required Date: 19/10/2012

Required Qty: 4.00

Comments: IPP Rev:A New Issue 06-04-21 JLM
IPP Rev:B As per Rev B 06-05-24 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3482-5P		Purchased	No			100	Each	0.0000	1	4			
D3482-5P									**				
HOSE INSULATION													

4/12/12 3 @

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

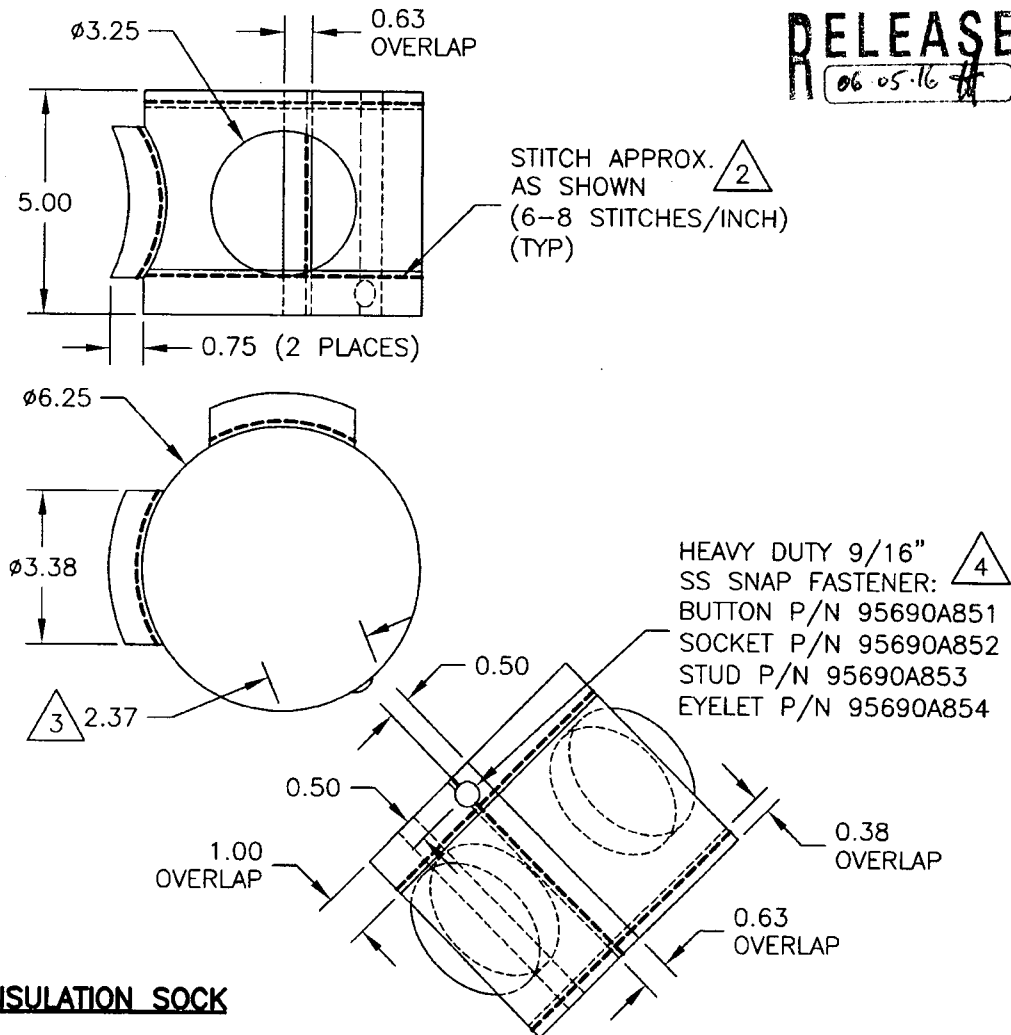
QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3482	REV. B SHEET 1 OF 3
DATE 06.05.16	TITLE INSULATION SOCKS & HOSES		SCALE 1:4
A	06.03.24	NEW ISSUE	
B	06.05.16	52 WAS 40	



D3482-1 INLET INSULATION SOCK

NOTES:

- 1) MATERIAL: BEIGE TECGLASS GL 2025/9383 PER MIL-C-20079H
TYPE I, CLASS 9 (WITH 9383 FINISH)
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 2) THREAD: E-18 FIBERGLASS-TFE THREAD PER MIL-C-20079H(SH)
TYPE III, CLASS 3 OR ASTM D 4040-89
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 3) OPEN/CLOSE OVERLAP WITH SNAP BUTTON
- 4) POSSIBLE SUPPLIER: McMASTER-CARR
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) BREAK SHARP EDGES 0.005 TO 0.010 MAX

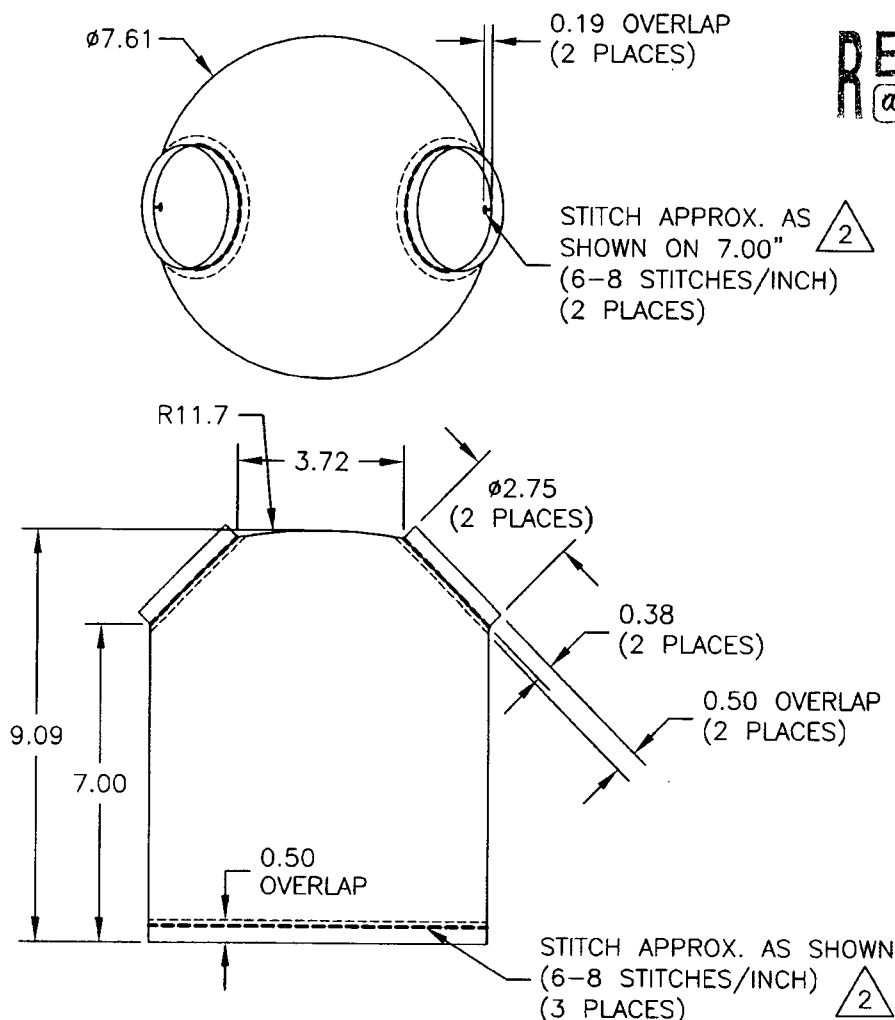
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
91320 MJS
12-10-04

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DART

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D3482	REV. B SHEET 2 OF 3
DATE 06.05.16	TITLE INSULATION SOCKS & HOSES		SCALE 1:4

**D3482-3 OUTLET INSULATION SOCK****NOTES:**

- 1) MATERIAL: BEIGE TECGLASS GL 2025/9383 PER MIL-C-20079H
TYPE I, CLASS 9 (WITH 9383 FINISH)
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 2) THREAD: E-12 FIBERGLASS-TFE THREAD PER MIL-C-20079H(SH)
TYPE III, CLASS 3 OR ASTM D 4040-89
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES 0.005 TO 0.010 MAX

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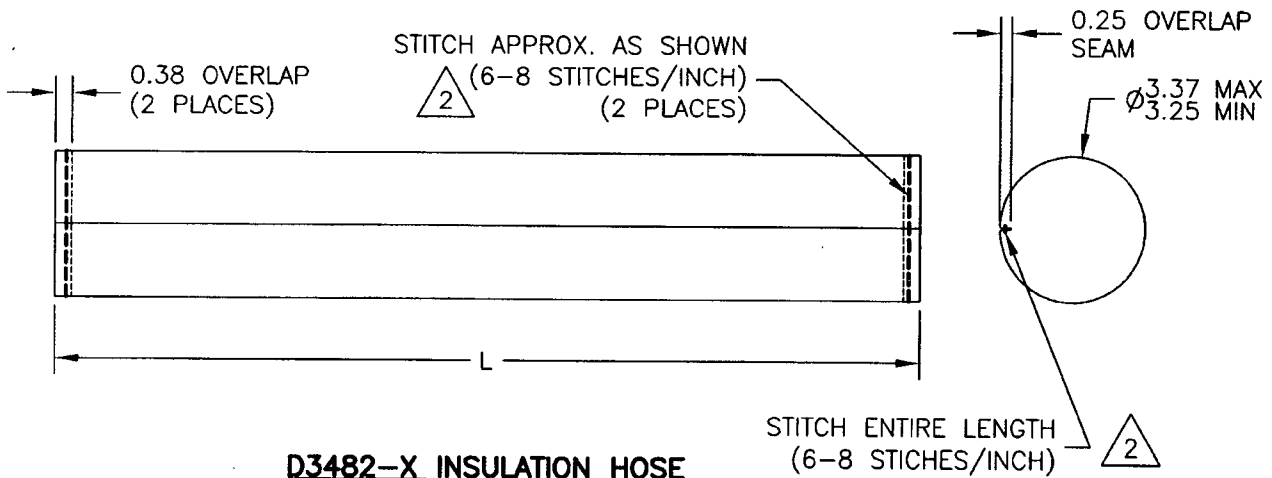
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91320



DESIGN [Signature]	DRAWN BY [Signature]	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3482	REV. B SHEET 3 OF 3
DATE 06.05.16		TITLE INSULATION SOCKS & HOSES SCALE 1:4	

RELEASED
06-05-16



D3482-X INSULATION HOSE

P/N D3482-X	L (in)
D3482-5	20
D3482-7	36
D3482-9	48
D3482-11	30
D3482-13	52



NOTES:

- 1) MATERIAL: BEIGE TECGLASS GL 2025/9383 PER MIL-C-20079H
TYPE I, CLASS 9 (WITH 9383 FINISH)
POSSIBLE SUPPLIER: TEMPRO TEC INC.
- 2) THREAD: E-12 FIBERGLASS-TFE THREAD PER MIL-C-20079H(SH)
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91320



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18080

Purchase Order Date 10/05/12

PO Print Date 10/10/12

Page Number 1 of 2

Order From :

VC-TEM002

TEMPRO TEC
7210C- 5TH STREET S.E.
CALGARY, AB T2H 2L9
CA

Contact Name

Vendor Phone 403 216 3300

Vendor Fax 403 216 3306

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

FAKED

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

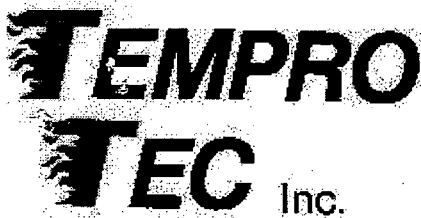
Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3482-3P	OUTLET INSULATION SOCK	10/19/12 Yes	8.00 Each	FedEx PI collect	\$47.0775	\$376.62
		Special Inst:	AS PER DWG D3482 REV. B B91319				
2	D3482-5P	HOSE INSULATION	10/19/12 Yes	8.00 Each	FedEx PI collect	\$35.3600	\$282.88
		Special Inst:	AS PER DWG D3482 REV. B B91320				
3	D3482-7P	HOSE INSULATION	10/19/12 Yes	8.00 Each	FedEx PI collect	\$35.3600	\$282.88
		Special Inst:	AS PER DWG D3482 REV. B B91321				
4	D3482-9P	HOSE INSULATION	10/19/12 Yes	8.00 Each	FedEx PI collect	\$35.3600	\$282.88

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 2

Change Date: 10/10/12



PACKING SLIP

ORDER NUMBER: 0046262

ORDER DATE: 10/10/2012

SALESPERSON: TT

ORDER DESK: JSS

TEMPRO TEC INC.
7210C - 5 Street S.E.
Calgary, Alberta
T2H 2L9

Toll: 800-565-3907
Fax: 403-216-3306
Phone: 403-216-3300

SOLD TO:

DART AEROSPACE
1270 ABERDEEN STREET
HAWKSURRY, ON K6A 1K7

DAR100

SHIP TO:

DART AEROSPACE
1270 ABERDEEN STREET
HAWKSURRY, ON K6A 1K7

Confirm To: CHANTAL LAVOIE

Telephone: (613) 632-9577

Fax: (613) 632-1053

WAREHOUSE: 000

CUSTOMER P.O.

SHIP VIA

FRT CHGS

F.O.B.

DATE SHIPPED

TERMS

18080

~~FBA~~ *Predictor Ground*

COLLECT

Oct 16/12

NO TERMS

ITEM NO.

DESCRIPTION

ORDERED

UNIT

SHIPPED

BACKORDER

LOT #

Below Items are ALL MADE TO ORDER:

Ship as soon as products are available to ship from Temprowec in CGY.

90INSULSK2: FG Insul Sock # D34823P

1.00

SET

/

0.00

Note - Above Set = 8 ea - note correct pricing for above.

90INSULSK2: FG Insul Sock # D34825P

1.00

SET

/

0.00

Note - Above Set = 8 ea

90INSULSK2: FG Insul Sock # D34827P

1.00

SET

/

0.00

Note - Above Set = 8 ea

90INSULSK2: FG Insul Sock # D34829P

1.00

SET

/

0.00

Note - Above Set = 8 ea

Customer to advise carrier to use details.

9:21:29AM

Waybill #

Packed By



PO Box 220, Mechanic Falls, ME 04256 USA
Tel: 207-345-8271 / Fax: 207-345-3380
www.auburn.mfg.com

Certificate of Compliance

Shipping Date: 6/21/12

Purchase Order #: 0010182

AMI Cust #: 2571

Part #: GL2025-60NS-9383 AMI-GLAS

AMI Order #: 137874

Quantity: 750.00 YDS

AMI Item #: 50-1061-TT

Batch/Lot #: 137874/50-1061-TT

Cust Part #:

This is to certify that the products listed above have been shipped to:

Tempo Tec Inc

against the referenced purchase order number, and are in full compliance with all applicable specifications listed below. Records of all inspections and tests performed (if required as part of contract acceptance) will be available for review.

Number 1: Meets AMI GL2025-9383 Specifications

Number 2: Heat Cleaned

Number 3:

Number 4:

Number 5:

Number 6:

Number 7:

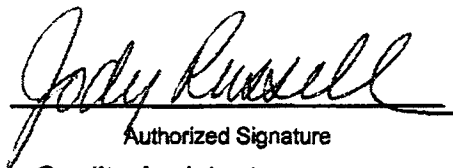
Number 8:

Number 9: Made in the USA

Shelf Life: NA

Date of Mfg: NA

Expiration Date: NA


Authorized Signature

Quality Assistant

Title